

<p align="center">INFORMATION DISCLOSURE STATEMENT</p> <p>Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p>	Attorney Docket	SHIM-018
	First Named Inventor	YAMASAKI, SHINJI
	Application Number	10/581,757
	Confirmation No.	7036
	Filing Date	March 2, 2007
	Group Art Unit	1653
	Examiner Name	To Be Assigned
	Title:	<i>"CYTOLETHAL DISTENDING TOXINS AND DETECTION OF CAMPYLOBACTER BACTERIAS USING THE SAME AS A TARGET"</i>

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A revised and mark-up Form PTO-SB/08A listing the references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

Within the Information Disclosure Statements filed on May 15, 2007, applicants note certain typographical errors contained within the document. Those errors have been corrected on a revised Information Disclosure Statement. Also attached is a mark-up copy of the Information Disclosure Statement showing the corrections made. For the convenience of the Examiner, the errors are reiterated below as follows:

JP2154700 ~~1990-03-26~~ 1990-06-14 Moureau et al.

KUDOH, et al., Syouni Naika. (1997) ~~28(9):1219-22~~ 29(9):1219-22

OKUDA et al., . . . Infect Immun. (Feb. 1997) 65(2):~~2613-9~~ 428-33

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

No fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. KEMP-004CON may be charged thereon.

Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: 26/June/07

By: [Signature]
Karl Bozicevic
Registration No. 28,807

BOZICEVIC, FIELD & FRANCIS LLP
1900 University Avenue, Suite 200
East Palo Alto, California 94303
Telephone: (650) 327-3400
Facsimile: (650) 327-3231

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10581757	
	Filing Date		2007-03-02	
	First Named Inventor		YAMASAKI, SHINJI	
	Art Unit			
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	Attorney Docket Number		SHIM-018	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5447848		1995-09-05	Barns et al.	US equivalent of JP 62-228096
	2	5691138		1997-11-25	Guesdon et al.	US equivalent of JP 7-505535

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	1	WO9842842	WO		1998-10-01	Johnson et al.	international application related to JP 2001-524825	<input type="checkbox"/>
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	3	JP62228096	JP		1987-10-06	Rashtchian A.	see U.S. Patent 5447848 above	<input checked="" type="checkbox"/>
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	6	JP3112498	JP		1991-05-14	Ohashi et al.		<input checked="" type="checkbox"/>
	7	JP5276999	JP		1993-10-26	Matsuoka et al.		<input checked="" type="checkbox"/>
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MARK-UP VERSION

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	1	Gene Bank accession no. U51121	<input type="checkbox"/>
	2	BLASER et al., "Campylobacter Enteritis: Clinical and Epidemiologic Features" Ann. Intern. Med. (Aug. 1979) 91 (2):179-85	<input type="checkbox"/>
	3	CORTES-BRATTI et al., "The Haemophilus ducreyi Cytolethal Distending Toxin Induces Cell Cycle Arrest and Apoptosis via the DNA Damage Checkpoint Pathways" J. Biol. Chem. (Feb. 16, 2001) 276(7):5296-302	<input type="checkbox"/>
	4	KOPECKO et al., "Campylobacter jejuni-microtubule-dependent invasion" Trends Microbiol. (Aug. 2001) 9(8):389-96	<input type="checkbox"/>
	5	KUDOH et al., Syouni naika. (1997) 28(9) :1219-22 29(9)	<input checked="" type="checkbox"/>
	6	LARA-TEJERO et al., "A Bacterial Toxin That Controls Cell Cycle Progression as a Deoxyribonuclease I-Like Protein" Science (October 13, 2000) 290(5490):354-7	<input type="checkbox"/>
	7	LARA-TEJERO et al., "Cytolethal distending toxin: limited damage as a strategy to modulate cellular functions" Trends Microbiol., (March 2002) 10(3):147-52	<input type="checkbox"/>

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¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

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- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

- ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Karl Bozicevic/	Date (YYYY-MM-DD)	2007-05-15
Name/Print	Karl Bozicevic	Registration Number	28,807

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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
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Art Unit	
Examiner Name	
Attorney Docket Number	SHIM-018

U.S. PATENTS

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	1							<input type="checkbox"/>

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1	MIZUNO et al., "Characteristics of cytotoxin produced by Campylobacter jejuni strains" Microbios. (1994) 78 (317):215-28	<input type="checkbox"/>
2	OKUDA et al., "Examination of Diarrheagenicity of Cytolethal Distending Toxin: Suckling Mouse Response of the Products of the cdtABC Genes of Shigella dysenteriae" Infect Immun. (Feb. 1997) 65(2):2613-9 428-33	<input type="checkbox"/>
3	OYOFO et al., "Specific Detection of Campylobacter jejuni and Campylobacter coli by Using Polymerase Chain Reaction" J Clin Microbiol. (Oct. 1992) 30(10):2613-9	<input type="checkbox"/>
4	PICKETT et al., "The cytolethal distending toxin family" Trends Microbiol. (Jul. 1999) 7(7):292-7	<input type="checkbox"/>
5	ROMANIUK et al., "Campylobacter pylori, the Spiral Bacterium Associated with Human Gastritis, Is Not a True Campylobacter sp." J Bacteriol. (May 1987) 169(5):2137-41	<input type="checkbox"/>
6	SHANE et al., Diseases of Poultry, (2003) 615-30	<input type="checkbox"/>
7	SUZUKI et al., "Immunological properties and ganglioside recognitions by Campylobacter jejuni-enterotoxin and cholera toxin" FEMS Immunol Med Microbiol. (Mar 1994) 8(3):207-11	<input type="checkbox"/>
8	TAKAHASHI et al., Infectious Diseases Weekly Report Japan (2001) 3(6):10-2	<input type="checkbox"/>
9	TOTTEN et al., "Prevalence and Characterization of Hippurate-Negative Campylobacter jejuni in King County, Washington" J Clin Microbiol. (Sep 1987) 25(9):1747-52	<input type="checkbox"/>

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	1	Gene Bank accession no. U51121	<input type="checkbox"/>
	2	BLASER et al., "Campylobacter Enteritis: Clinical and Epidemiologic Features" Ann. Intern. Med. (Aug. 1979) 91 (2):179-85	<input type="checkbox"/>
	3	CORTES-BRATTI et al., "The Haemophilus ducreyi Cytolethal Distending Toxin Induces Cell Cycle Arrest and Apoptosis via the DNA Damage Checkpoint Pathways" J. Biol. Chem. (Feb. 16, 2001) 276(7):5296-302	<input type="checkbox"/>
	4	KOPECKO et al., "Campylobacter jejuni-microtubule-dependent invasion" Trends Microbiol. (Aug. 2001) 9(8):389-96	<input type="checkbox"/>
	5	KUDOH et al., Syouni naika. (1997) 29(9):1219-22	<input checked="" type="checkbox"/>
	6	LARA-TEJERO et al., "A Bacterial Toxin That Controls Cell Cycle Progression as a Deoxyribonuclease I-Like Protein" Science (October 13, 2000) 290(5490):354-7	<input type="checkbox"/>
	7	LARA-TEJERO et al., "Cytolethal distending toxin: limited damage as a strategy to modulate cellular functions" Trends Microbiol., (March 2002) 10(3):147-52	<input type="checkbox"/>

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10581757
Filing Date	2007-03-02
First Named Inventor	YAMASAKI, SHINJI
Art Unit	
Examiner Name	
Attorney Docket Number	SHIM-018

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

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- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Karl Bozicevic/	Date (YYYY-MM-DD)	2007-06-26
Name/Print	Karl Bozicevic	Registration Number	28,807

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10581757
	Filing Date		2007-03-02
	First Named Inventor	YAMASAKI, SHINJI	
	Art Unit		
	Examiner Name		
	Attorney Docket Number	SHIM-018	

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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1	MIZUNO et al., "Characteristics of cytotoxin produced by Campylobacter jejuni strains" Microbios. (1994) 78 (317):215-28	<input type="checkbox"/>
2	OKUDA et al., "Examination of Diarrheagenicity of Cytolethal Distending Toxin: Suckling Mouse Response of the Products of the cdtABC Genes of Shigella dysenteriae" Infect Immun. (Feb. 1997) 65(2):428-33	<input type="checkbox"/>
3	OYOFO et al., "Specific Detection of Campylobacter jejuni and Campylobacter coli by Using Polymerase Chain Reaction" J Clin Microbiol. (Oct. 1992) 30(10):2613-9	<input type="checkbox"/>
4	PICKETT et al., "The cytolethal distending toxin family" Trends Microbiol. (Jul. 1999) 7(7):292-7	<input type="checkbox"/>
5	ROMANIUK et al., "Campylobacter pylori, the Spiral Bacterium Associated with Human Gastritis, Is Not a True Campylobacter sp." J Bacteriol. (May 1987) 169(5):2137-41	<input type="checkbox"/>
6	SHANE et al., Diseases of Poultry, (2003) 615-30	<input type="checkbox"/>
7	SUZUKI et al., "Immunological properties and ganglioside recognitions by Campylobacter jejuni-enterotoxin and cholera toxin" FEMS Immunol Med Microbiol. (Mar 1994) 8(3):207-11	<input type="checkbox"/>
8	TAKAHASHI et al., Infectious Diseases Weekly Report Japan (2001) 3(6):10-2	<input type="checkbox"/>
9	TOTTEN et al., "Prevalence and Characterization of Hippurate-Negative Campylobacter jejuni in King County, Washington" J Clin Microbiol. (Sep 1987) 25(9):1747-52	<input type="checkbox"/>

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